



# hf happenings

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the week of 31 August 2015

## Final Results of the SARL HF Digital Contest

The committee received seven logs for the HF Digital contest held on Sunday 16 August. The results as published in HF Happenings 669 are now deemed as the final results.

## The South African Radio League National Field Day

The aim of the South African Radio League National Field Day is to work as many stations as possible on all the HF amateur bands (excluding the 30, 17 and 12 m WARC bands) and in doing so to learn to operate in abnormal situations in less than optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the public with the capabilities of Amateur Radio.

The second leg of the National Field Day takes place from 10:00 UTC on Saturday 12 September to 10:00 UTC on Sunday 13 September 2015, with phone, CW and digital (PSK and RTTY) activity on 160, 80, 40, 20, 15 and 10 metres. Phone, CW and digital modes on a band are considered as separate bands - a station may be worked only once per band under this rule.

There is no limitation to the number of transmitters or receivers that may be employed. The use of more than one transmitter at the same time on a single band-mode is prohibited.

### Entry Categories

**Class A - Field Station -Multi operator:** Such stations must be located in places



that are not regular station locations and must comply with the requirements of a field station as defined in the general section of rules. A single licensee or trustee for the entry is responsible for the group entry. All equipment (including antennas) must lie within a circle whose diameter does not exceed 500 metres. All contacts must be made with transmitter(s) and receiver(s) operating independent of commercial power mains.

**Class B - Field Station -Multi operator - QRP:** All contacts must be made using an output power of 5 Watts or less. Other provisions are the same as Class A.

**Class C - Field Station -Single Operator:** Such stations must be located in places that are not regular station locations and must comply with the requirements of a field station as defined in the general section of rules. All equipment (including antennas) must lie within a circle whose diameter does not exceed 500 metres. All contacts must be made with transmitter(s) and receiver(s) operating independent of commercial power mains.

**Class D - Field Station -Single Operator - QRP:** All contacts must be made using an output power of 5 Watts or less. Other provisions are the same as Class C.

**Class E - Ultra Light Portable:** Light weight self contained stations, operating QRP or low power such as RaDAR, Summits on the Air, Parks on the Air (game and nature reserves), Islands on the Air, Heritage sites, etc. The operator must carry the entire station, antenna included, to the operating site. The distance carried must not be less than 1 km.

**Class F- General stations:** Stations operating from permanent or licensed station locations using commercial power.



Only one call sign per station is permitted. In the case of multi-operator stations using more than one transmitter, all operators shall use the same call sign.

Equipment for Field Stations may only be set up in the 24 hours prior to the starting time of the contest. This restriction applies to antennas, masts, towers and transmitting equipment, but excludes accommodation such as a caravan, tent, etc. Once a Field Station has been established at a site, it may not move to an alternative site after the contest starts, excluding Class E stations.

The exchange is a RS(T) report, the number of transmitters, the Field Day operating class and Provincial abbreviation. EC - The Eastern Cape; FS - The Free State; GP - Gauteng; KN - KwaZulu-Natal; LP - Limpopo; MP - Mpumalanga; NC - The Northern Cape; NW - North West; WC - The Western Cape and DX - Used for all others that does not fall in the above group

#### Examples:

A three-transmitter Class A field station in Gauteng would send "599 3A GP" on CW or "59 3 Alpha - Golf Papa" on Phone.

A general station using a single transceiver located in Cape Town would give the following exchange "578 1F WC" on CW or "58 1 Foxtrot - Whiskey Charlie" on phone.

DX stations are logged as "59 1F DX"



Scores are based on the total number of QSO points X the power multiplier X the number of provinces worked X the class multiplier.

QSO points - each contact with a station from one of the South African provinces counts for five points. Each DX contact counts for one point.

Power multipliers - x 6: Power 5 watts or less; x 4: Power 50 watts or less; x 2: Power 100 watts or less and x 1: Power greater than 100 watts. The power multiplier for an entry is determined by the maximum

September
2 – Secretary's Day
3 Closing date October RAE
4 – Casual Day; 1 SA Tank Regiment Night Shoot
5 – SA Armour Museum Open Day
6 – Closing date for HF CW Logs; Cellar Rats Wine Festival, The Old Mill, Magaliesburg
5 and 6 - IARU Region 1 SSB Field Day
12 and 13 – SARL National Field Day
14 and 15 - Rosh Hashanah
16 – World Ozone Day
19 - Amateur Radio in Action, Pretoria
19 and 20 – SARL VHF/UHF Contest; SAC CW Contest
20 – Closing date for National Field Day logs
23 - Yom Kippur; Spring Equinox
24 – National Braai Day (National Heritage Day)
25 – School holiday
26 – Live Free Fun Walk, Bloemfontein Zoo; Namaqua West Coast Heritage Weekend, Doringbaai
26 and 27 - CQ WW RTTY Contest
27 – Closing date for VHF/UHF logs

October
1 - SARL 80 metre QSO Party
2 – All schools close
3 – SARL Spring QRP Contest
4 – RSGB 21/28 MHz Contest
10 and 11 - AWA Valve QSO Party
12 - All schools open
15 – Radio Amateur Examination
16 to 18 – Jamboree-on-the-Air
17 – CQ Hou Koers; Emoya Voetspoorfees
24 – Crafters Market, Bloemfontein
24 and 25 – CQ WW DX Phone Contest

output power used by any transmitter used to complete any contact during the event.

Provinces worked multiplier - A multiplier of one for each one of the 9 South African provinces worked (regardless of band) and one extra for working any station outside of the nine provinces.

Class multiplier - General stations, class multiplier of 1; Field stations single and multi, class multiplier of 3

A person may not contact for QSO credit any station from which they also participate.

A transmitter/receiver/transceiver used to contact one or more Field Day stations may not subsequently be used under

any other call sign to participate in Field Day.

Batteries may be charged while in use and must be charged from a power source other than commercial power mains.

The MS Excel spreadsheet, *SARL NFD Log and Summary Sheet.xls/xsx* is available from the SARL web site, look under Contest

Log sheets - in ADIF, Cabrillo or MS Excel format and labelled "call sign NFD - must be sent by midnight 20 September 2015 to [zs4bfm@gmail.com](mailto:zs4bfm@gmail.com) or by post to the South African Radio League National Field Day, Box 12104, Brandhof, 9324.

Note: A photo(s) of the station in action (JPG format) MUST accompany every log entry - so that the Editor of Radio ZS and of the 2016 Blue Book has photographs to use.

**DO Not submit your log as a .jpg, .png or .pdf file!!**

### Club Log

Club Log now offers a way to review the OQRS requests you have created: log in, click on OQRS (now in the top menu of Club Log near 'Upload') and then click on the 'Outbound OQRS' tab to reach the records. "I hope this helps keep your QSLs under control and helps you identify any problematic or late cards," Michael, G7VJR says.

### JARL Sets 90th Anniversary QSO Party

The Japan Amateur Radio League (JARL) will commemorate its 90th anniversary with the JARL 90<sup>th</sup> Anniversary QSO Party during the entire month of September [http://www.jarl.org/English/4\\_Library/A-4-3\\_Contests/90thqp-e/90thqp-e.htm](http://www.jarl.org/English/4_Library/A-4-3_Contests/90thqp-e/90thqp-e.htm).

The event is open to all radio amateurs and shortwave listeners and activity will take place on all amateur bands. Certificates are available to JA and DX stations for working a certain number (either 9 or 90, depending upon category) of participating stations. Stations exchange call signs and

signal reports. Only one contact may be counted in the event of multiple contacts with the same station operating from different locations. All stations submitting a log and summary will receive a Participation Certificate from JARL via the QSL Bureau. E-mail submissions are welcome to [90qp@jarl.org](mailto:90qp@jarl.org). Submit a summary sheet [http://www.jarl.org/English/4\\_Library/A-4-3\\_Contests/90thqp-e/dx-sum.pdf](http://www.jarl.org/English/4_Library/A-4-3_Contests/90thqp-e/dx-sum.pdf) and logs [http://www.jarl.org/English/4\\_Library/A-4-3\\_Contests/90thqp-e/dx-log.pdf](http://www.jarl.org/English/4_Library/A-4-3_Contests/90thqp-e/dx-log.pdf) of one or more categories. The deadline for submissions is 30 October 2015. The results will be announced in the Spring 2016 issue of JARL News and posted on JARL's web site at <http://www.jarl.org/>.

### ARRL Supports Maximum Flexibility for Amateur Use of the 2 200 and 630 Metre Bands

The ARRL has told the FCC that Amateur Radio operation in the new 135,7 to 137,8 kHz (2 200 metres) and 472 - 479 kHz (630 metres) bands should be as unfettered as possible from a regulatory standpoint.

The League spelled out its case on 31 August in detailed comments that argue in favour of flexible FCC Part 97 regulations in light of the exceptionally low interference potential to unlicensed power line carrier (PLC) systems that utilities use to manage the power grid. In its April Report and Order, Order, and Notice of Proposed Rulemaking (R&O/NPRM) in ET Docket 15-99, the FCC had raised several questions regarding how Amateur Radio and PLC systems might coexist. The ARRL said, in its view, there is little to no evidence that Amateur Radio operation would be incompatible on the LF spectrum, where the great majority of PLC systems are deployed, and that few, if any, PLCs operate in the MF band.

"The allocation of the 2 200 metre band, together with the proposal to adopt flexible rules for the use of that first LF allocation and the proposal to allocate the 630 metre band for amateur use, when implemented, will complete at least a basic

complement of Amateur Radio allocations in all portions of the radio spectrum domestically," the ARRL told the FCC. "It is readily apparent from the record...that there can most assuredly be compatible operation by amateur stations in both the 2 200 and 630 metre bands without adverse interaction with PLCs."

The League asserted that "well-established notification procedures conducted entirely in the private sector" as well as the sharing of available database information should facilitate compatible operation. "Notification procedures will be necessary only in those predictably few instances in which geographic proximity and co-channel or overlapping channel operation occurs," the ARRL added.

The League requested that the FCC finalize service rules for 2 200 metres that the ARRL outlined and that it create the proposed 630 metre allocation. Operation on 2 200 metres would be limited to 1 W EIRP, and operation on 630 metres held to 5 W EIRP, in both cases with an absolute EIRP transmitter output limit of 1 500 W PEP and a 200 foot (61 m) maximum antenna height. Assuming continued PLC compliance with Part 15 rules, the ARRL argued, "there is no significant interference potential to PLC systems operated on an unlicensed basis in that very small segment of the 9 - 490 kHz band that is available for PLC operation, even at separation distances of less than 1 kilometre from the transmission line. At distances of 1 kilometre or more, there is no chance of interference to a PLC line whatsoever, and no restrictions on Amateur operation outside of that distance need be imposed."

The ARRL said PLCs that might be operating in the two bands should be frequency agile enough to relocate to frequencies falling outside the proposed allocations, making additional regulations unnecessary. The League has conducted a lengthy and ongoing experimental operation (WD2XSH) on 630 metres. It pointed out that it was "unaware of any reports of interference to PLC systems arising from that operation conducted pursuant to numerous Part 5 experi-

mental licenses... in the large band utilized by PLCs."

The League agreed with the FCC's proposal to make both 2 200 and 630 metres available to Amateur Extra, Advanced and General licensees. The ARRL also said the FCC should provide "maximum flexibility with emission types" emissions throughout the 630 and 2 200 metres, including CW, RTTY, data, and even phone and image, the last "especially at 630 metres."

The ARRL also commented on the FCC's proposal to amend its Part 80 rules to permanently authorize radio buoy operations on the "open sea" under a ship station license in the 1 900 to 2 000 kHz band, which the Commission recently elevated to primary for Amateur Radio. The League said there is "no evidence of compatibility" between Amateur Radio operation in the band and the "heretofore illegal" ocean buoy operations there.

"[S]hould the Commission proceed with its proposal... to make the 1 900 to 2 000 kHz band available to commercial fishing vessels for use by radio buoys on the open sea and to include them in the equipment authorized as part of a ship station license, it should not do so by means of a primary allocation for these devices in ITU Regions 2 and 3 as proposed," the League said. "The entitlement to utilize radio buoys should be on a secondary basis to the Amateur Service (and other radio services operating in the 1 900 to 2 000 kHz band), and the buoys should be prohibited from causing harmful interference to Amateur stations without qualification."

In a footnote, the ARRL said, "The record is silent heretofore as to the need to use radio buoys in this frequency range. There is no information as to the necessary path distances for these devices and why a band with very long distance propagation is necessary for these buoys rather than VHF or some other suitable alternative."

Anybody active on 2 200 or 630 metres in South Africa? How does one get an antenna for 2 200 meters into a city lot? ☺



## African DX

Mauritania 5T. Jean, 5TOJL reports that Ahmad, 9K2AI is now stationed in Nouakchott, Mauritania "for some years." He has applied for a licence and will operate SSB only.

Ghana, 9G. Piotr, SP3UQE is active as 9G5SP during the month of September. Activity will be mostly on 20 metres using SSB and RTTY. QSL to home call.

Namibia, V5. Heli, DDOVR, will be active as V5/DDOVR (possibly V50VR) from Namibia starting 10 December for one month. Activity will be limited to his spare time because he is on holiday with his XYL Bigi, DE3BWR. Heli will use a KX3 with the HL-1.1KFX amplifier by Tokyo High Power with 500 watts or the RZ3AH PA with GMI-11tube with 350 Watts out - QRO SSB. For CW, he will only operate with 1 to 5 watts (G-QRP-Club - no 7073). His antenna is a vertical. QSL via his home call sign, direct or by the Bureau.

## African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10

114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128

14 260 7 055 3 760 kHz

## History this week

The week starting 31 August 2015



1666 - The Great Fire of London begins (2 Sept)

1666 - The Great Fire of London extinguished (5 Sept)

1870 - The Prussian army crushes the French at Sedan, the last battle of the Franco-Prussian War (1 Sept)

1910 - Marie Curie demonstrates the transformation of radium ore to metal at the Academy of Sciences in France (5 Sept)

1939 - Germany invades Poland, beginning World War II in Europe (1 Sept)

1939 - After Germany ignores Great Britain's ultimatum to stop the invasion of Poland, Great Britain declares war on Germany, marking the beginning of World War II in Europe (3 Sept)

1942 - The British army under General Bernard Law Montgomery defeats Field Marshal Erwin Rommel's *Afrika Korps* in the Battle of Alam Halfa in Egypt (31 Aug)

1944 - Germany launches its first V-2 missile at Paris, France (5 Sept)

1945 - Japan signs the document of surrender aboard the USS Missouri, ending World War II (2 Sept)

1973 - Prof JRR Tolkien, author of The Hobbit and Lord of the Rings, dies (2 Sept)



1976 - The unmanned US spacecraft Viking 2 lands on Mars, takes first close-up, colour photos of the planet's surface (3 Sept)

1977 - Voyager 1 space probe launched (5 Sept)

1979 - US spacecraft Pioneer 11 makes the first-ever flyby of Saturn (1 Sept)

1985 - The wreck of the Titanic found by Dr Robert Ballard and Jean Louis Michel in a joint US and French expedition (1 Sept)

1997 - Diana, Princess of Wales, dies in a Paris car crash along with her companion

Dodi Fayed and driver Henri Paul while fleeing paparazzi (31 Aug)  
1998 - Google founded by Stanford University students Larry Page and Sergey Brin (4 Sept)

2941 (SR) Gandalf at the White Council (5 Sept)  
2941 (SR) Bilbo learns how to make his way through Thranduil's Caverns (6 Sept)  
3001 (SR) Party rumours start (4 Sept)

3019 (SR) They halt in the sight of the Mountain of Moria (6 Sept)

Get on the RaDAR....and GO!



### Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 31 August to 7 September 2015

#### Phone Fray

02:30 - 03:00 UTC 2 September

Mode: SSB

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 4 September 2015



E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at:

[http://www.perluma.com/Phone\\_Fray\\_Contest\\_Rules.pdf](http://www.perluma.com/Phone_Fray_Contest_Rules.pdf)

#### CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 2 September and 03:00 - 04:00 UTC 3 September

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 5 September 2015

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at:

<http://www.cwops.org/cwt.html>

#### UKEICC 80 m Contest

20:00 - 21:00 UTC 2 September

Mode: SSB

Bands: 80 m Only

Classes: Single Op Connected - open, low or QRP; Single Op Unconnected - open, low or QRP

Max power: Open: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: 4-Character grid square

QSO Points: 1 point per 500 km; multiply QSO points by 2 if low power station; multiply QSO points by 4 if QRP station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 22:00 UTC 2 September 2015  
E-mail logs to: (none)  
Upload log at:  
<http://logs.ukeicc.com/cgi-bin/hfenter.pl>  
Mail logs to: (none)  
Find rules at:  
[http://www.ukeicc.com/which-contest/contest-rules/ukeicc-80\\_m-contests-rules](http://www.ukeicc.com/which-contest/contest-rules/ukeicc-80-m-contests-rules)

NRAU 10 m Activity Contest  
17:00 - 18:00 UTC (CW), 18:00 - 19:00 UTC (SSB), 19:00 - 20:00 UTC (FM) and 20:00 - 21:00 UTC (Dig) 3 September  
Mode: CW, SSB, FM, Digital  
Bands: 10 m Only  
Classes: (none)  
Exchange: RS(T) and 6-character grid square  
QSO Points: (see rules)  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 17 September 2015  
Upload log at:  
[http://ua9qcq.com/en/submit\\_log.php?lang=en](http://ua9qcq.com/en/submit_log.php?lang=en)  
Mail logs to: (none)  
Find rules at: <http://www.nrau.net/activity-contests/below-30mhz.html>

QRP Fox Hunt  
01:00 - 02:30 UTC 4 September  
Mode: CW  
Bands: 20 m Only  
Classes: Single Op - fox or hound  
Max power: 5 watts  
Exchange: RST, state, province or country, name and power output  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 02:30 UTC 5 September 2015  
E-mail logs to: (see rules)  
Mail logs to: (none)  
Find rules at:

[http://www.qrpfoxyhunt.org/summer\\_rules.htm](http://www.qrpfoxyhunt.org/summer_rules.htm)

NCCC RTTY Sprint Ladder  
01:45 - 02:15 UTC 4 September  
Mode: RTTY  
Bands: 160, 80, 40, 20, 15 m  
Classes: Single Op  
Max power: 100 watts  
Exchange: Serial no, name and QTH  
Work stations: Once per band  
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station  
Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 6 September 2015  
E-mail logs to: (none)  
Post log summary at:  
<http://www.3830scores.com>  
Mail logs to: (none)  
Find rules at:  
<http://www.ncccsprint.com/rules.html>

NCCC Sprint  
02:30 - 03:00 UTC 4 September  
Mode: (see rules)  
Bands: (see rules)  
Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 6 September 2015  
E-mail logs to: (none)  
Post log summary at:  
<http://www.3830scores.com/>  
Mail logs to: (none)  
Find rules at:  
<http://www.ncccsprint.com/rules.html>

G3ZQS Memorial Straight Key Contest  
23:00 UTC 4 September to 23:00 UTC 6 September  
Mode: CW  
Bands: 80, 40, 20, 15, 10 m  
Classes: QRO; QRP; Club

Exchange: FISTS: RST, state, province or country, name and FISTS no; non-FISTS: RST, state, province or country, name and power

Work stations: Once per band

QSO Points: 2 points per QSO with non-member; 5 points per QSO with FISTS member

Multipliers: Each state, province or DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 6 October 2015

E-mail logs to: [g3zqslogs@fistsna.org](mailto:g3zqslogs@fistsna.org)

Mail logs to: Karl Zuk, N2KZ, 15 Flintlock Ridge Rd, Katonah, NY 10536, USA

Find rules at:

<http://www.fistsna.org/operating.html>

#### CW Ops CW Open

00:00 - 03:59 UTC, 12:00 - 15:59 UTC and 20:00 - 23:59 UTC 5 September

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts;

QRP: 5 watts

Exchange: Serial no and name

Work stations: Once per band per time segment

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 19 September 2015

E-mail logs to: (none)

Upload log at: <http://www.b4h.net/cwops/>

Mail logs to: (none)

Find rules at:

<http://www.cwops.org/cwopen.html>

#### All Asian DX Phone Contest

00:00 UTC 5 September to 24:00 UTC 6 September

Mode: Phone

Bands: 80, 40, 20, 15, 10 m

Classes: Asian Single Op Single Band - high or low; Non-Asian Single Op Single Band - high; JA Single Op All Band - high, low, junior or silver; Asian Single Op All Band - high

or low; Non-Asian Single Op All Band - high; Multi-Single; Multi-Multi

Max power: HP: >100 watts; LP: 100 watts

Exchange: RS and 2-digit age

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Asian Stations: DXCC entities once per band; non-Asian Stations: Asian prefixes once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 7 October 2015

E-mail logs to: [aaph@jarl.org](mailto:aaph@jarl.org)

Web-to-Cabrillo form:

[http://www.b4h.net/cabforms/aadxssb\\_cab\\_3.php](http://www.b4h.net/cabforms/aadxssb_cab_3.php)

Mail logs to: JARL, All Asian DX Contest, Phone, 170-8073, Japan

Find rules at:

[https://www.jarl.org/English/4\\_Library/A-4-3\\_Contests/2015AA\\_rule.htm](https://www.jarl.org/English/4_Library/A-4-3_Contests/2015AA_rule.htm)

#### Russian RTTY WW Contest

00:00 UTC-23:59 UTC 5 September

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op Single Band; Multi-Single; SWL

Exchange: RU: RST and 2-letter oblast; non-RU: RST and CQ Zone

Work stations: Once per band

QSO Points: 5 points per QSO with same continent; 10 points per QSO with different continent

Multipliers: Each RU Oblast once per band; Each DXCC country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 September 2015

E-mail logs to: [contest@radio.ru](mailto:contest@radio.ru)

Mail logs to: Russian RTTY WW Contest, Radio Magazine, Seliverstov per. 10, Moscow 107045, Russia

Find rules at:

<http://www.qrz.ru/contest/detail/93>

#### Wake-Up! QRP Sprint

06:00 - 06:29 UTC, 06:30 - 06:59 UTC, 07:00 - 07:29 UTC and 07:30 - 08:00 UTC 5 September

Mode: CW  
Bands: 40, 20 m  
Classes: (none)  
Max power: 5 watts  
Exchange: RST, serial no and suffix of previous QSO ("QRP" for 1st QSO)  
Work stations: Once per band per period  
QSO Points: 1 point per km  
Multipliers: 1 point per new station worked on each band  
Score Calculation: Total score = total QSO points x total multiplier points  
Submit logs by: 12 September 2015  
E-mail logs to: [ru-qrp-club@mail.ru](mailto:ru-qrp-club@mail.ru)  
Mail logs to: (none)  
Find rules at:  
<http://qrp.ru/contest/wakeup/333-wakeup-eng>

Colorado QSO Party  
13:00 UTC 5 September to 04:00 UTC 6 September  
Mode: CW, Phone, Digital  
Bands: 160, 80, 40, 20, 15, 10, VHF/UHF  
Classes: Single Op - CW, phone, digital or mixed - QRP, low or high; Multi-Single - CW, phone, digital or mixed - QRP, low or high; Mobile Single Op - CW, phone, digital or mixed - QRP or low; Mobile Multi-Op - CW, phone, digital or mixed - QRP or low; Portable Single Op - CW, phone, digital or mixed - QRP or low; Portable Multi-Op - CW, phone, digital or mixed - QRP or low  
School- CW, phone, digital or mixed - QRP, low or high  
Max power: HP: >150 watts; LP: 150 watts;  
QRP: 5 watts  
Exchange: CO: Name and county; W/VE: Name and state or province; DX: Name and DXCC prefix  
Work stations: Once per band per mode per CO county  
QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO; Double QSO points for countries outside of W/VE  
Multipliers: CO Stations: Each CO county, state, VE province, DXCC country, maritime region once per mode; Non-CO: Each county once per mode  
Power: (see rules)

Score Calculation: (see rules)  
Submit logs by: 3 October 2015  
E-mail logs to: [coqlogs@ppraa.org](mailto:coqlogs@ppraa.org)  
Mail logs to: Colorado QSO Party, PO Box 16521, Colorado Springs, CO 80935-6521, USA  
Find rules at: <http://ppraa.org/coqp>

IARU Region 1 SSB Field Day  
13:00 UTC 5 September to 12:59 UTC 6 September  
Mode: SSB  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: (see your national society rules)  
Exchange: RS and serial no  
Submit logs by: 30 September 2015  
E-mail logs to: (see your national society rules)  
Mail logs to: Your national society  
Find rules at: Your national society web site

RSGB SSB Field Day  
13:00 UTC 5 September to 13:00 UTC 6 September  
Mode: SSB  
Bands: 80, 40, 20, 15, 10 m  
Classes: Open; Restricted  
Max power: Open: Full; Restricted: 100 watts  
Exchange: RS and serial no  
QSO Points: 2 points per QSO with fixed IARU Region 1 stations; 3 points per QSO with fixed non-Region 1 stations; 5 points per QSO with portable/mobile IARU Region 1 stations

Multipliers: Each DXCC country per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 22 September 2015  
Upload log at:  
<http://www.rsgbcc.org/cgi-bin/hfenter.pl>  
Mail logs to: RSGB G3UFY, 77 Bensham Manor Road, Thornton Heath, Surrey CR7 7AF, England  
Find rules at:  
<http://www.rsgbcc.org/hf/rules/2015/rssbf.d.shtml>

AGCW Straight Key Party  
16:00 - 19:00 UTC 5 September  
Mode: CW

Bands: 40 m Only  
Classes: 5 W (A); 50 W (B); 150 W (C); SWL (D)  
Exchange: AGCW: RST, serial no, "/" and Class and "/" and Name and "/" and Age  
QSO Points: 9 points per A-A QSO; 7 points per A-B QSO; 5 points per A-C QSO; 4 points per B-B QSO; 3 points per B-C QSO; 2 points per C-C QSO  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 30 September 2015  
E-mail logs to: [htp@agcw.de](mailto:htp@agcw.de)  
Mail logs to: Friedrich W. Fabri, DF1OY, Birnheck 2, D-65779 Kelkheim, Germany  
Find rules at:  
<http://www.agcw.org/index.php/en/contests-and-cw-activities/straight-key-party-htp>

PODXS 070 Club Jay Hudak Memorial 80 m Sprint  
20:00 UTC 5 September to 20:00 UTC 6 September  
Mode: PSK31  
Bands: 80 m Only  
Classes: QRP; Low Power; Medium Power; High Power  
Max operating hours: 6  
Max power: High: 100 watts; Medium: 50 watts; Low: 20 watts; QRP: 5 watts  
Exchange: RST and state, province or country  
QSO Points: 1 point/QSO  
Multipliers: Each state, province and DXCC country once only  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 19 September 2015  
Upload log at: <http://hamclubs.info/scorer>  
Mail logs to: (none)  
Find rules at:  
<http://www.podxs070.com/o70-club-sponsored-contests/jay-hudak-memorial-80-m-sprint>

DARC 10-Metre Digital Contest  
11:00 - 17:00 UTC 6 September  
Mode: RTTY, Amtor, Clover, PSK31, Pactor  
Bands: 10 m Only

Classes: Single Op; SWL  
Exchange: RST and serial no  
QSO Points: 1 point per QSO  
Multipliers: Each WAE/DCXX area; Each W/VE call area  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 21 September 2015  
E-mail logs to: [do1npf@darc.de](mailto:do1npf@darc.de)  
Mail logs to: Peter Frank, DO1NPF, Postfach 11 19, 90515 Altdorf, Germany  
Find rules at:  
<http://www.darc.de/referate/ukw-funksport/corona/teilnahmebedingungen/>

Tennessee QSO Party  
18:00 UTC 6 September to 03:00 UTC 7 September  
Mode: CW, Phone, Digital  
Bands: 160, 80, 40, 20, 15, 10, VHF/UHF  
Classes: Fixed - single op or multi op - CW, phone, digital or mixed - QRP, low or high; Mobile - single op or multi op - CW, phone, digital or mixed - QRP, low or high  
Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts  
Exchange: TN: RS(T) and county; non-TN: RS(T) and state, province or country  
Work stations: Once per band per mode  
QSO Points: 3 points per QSO (see rules for bonus QSO points)  
Multipliers: TN: TN counties, states, provinces, DXCC countries once per band; non-TN: TN counties once per band  
Score Calculation: Total score = (total QSO points x total mults) and bonus points  
Submit logs by: 7 October 2015  
E-mail logs to: [logs@tnqp.org](mailto:logs@tnqp.org)  
Mail logs to: Tennessee QSO Party, c/o Doug Smith, W9WI, 1389 Old Clarksville Pike, Pleasant View, TN 37146-8098, USA  
Find rules at: <http://tnqp.org/rules/>

MI QRP Labour Day CW Sprint  
23:00 UTC 7 September to 03:00 UTC 8 September  
Mode: CW  
Bands: 160, 80, 40, 20, 15, 10, 6 m  
Classes: (none)  
Max power: 5 Watts

Exchange: RST, state, province or country and member no or power output  
Work stations: Once per band  
QSO Points: 5 points per QSO with members; 2 points per QSO with non-member W/VE stations; 4 points per QSO with non-member DX stations  
Multipliers: Each state, province or country, once per band; Bonus: multiply total points by 1.25 if xmtr or receiver is homebrew; multiply total points by 1.5 if both xmtr and receiver are homebrew  
Score Calculation: Total score = bonus multiplier x total QSO points x total mults  
Submit logs by: 21 September 2015  
E-mail logs to: [n8xx@arrl.org](mailto:n8xx@arrl.org)  
Mail logs to: Hank Greeb, N8XX, 5727 11 Mile Rd NE, Rockford, MI 49341, USA  
Find rules at:  
<http://www.qsl.net/migrpclub/contest.html>

### Next Week's Contests

MI QRP Labour Day CW Sprint, 23:00 UTC 7 September to 03:00 UTC 8 September  
ARS Spartan Sprint, 01:00 - 03:00 UTC 8 September  
Phone Fray, 02:30 - 03:00 UTC 9 September  
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 9 September and 03:00 - 04:00 UTC 10 September  
RSGB 80 m Club Sprint, SSB, 19:00 - 20:00 UTC 9 September  
NCCC RTTY Sprint Ladder, 01:45 - 02:15 UTC 11 September  
NCCC Sprint, 02:30 - 03:00 UTC 11 September  
FOC QSO Party, 00:00 - 23:59 UTC 12 September  
WAE DX Contest, SSB, 00:00 UTC 12 September to 23:59 UTC 13 September  
Kulikovo Polye Contest, 00:00 - 23:59 UTC 12 September  
SARL Field Day Contest, 10:00 UTC 12 September to 10:00 UTC 13 September  
SKCC Weekend Sprintathon, 12:00 UTC 12 September to 24:00 UTC 13 September  
Arkansas QSO Party, 14:00 UTC 12 September to 02:00 UTC 13 September

Ohio State Parks on the Air, 16:00 - 24:00 UTC 12 September  
North American Sprint, CW, 00:00 - 04:00 UTC 13 September

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, the Islands, the Amateur Radio Newsletter and the Castles and Portable Operations Bulletin

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